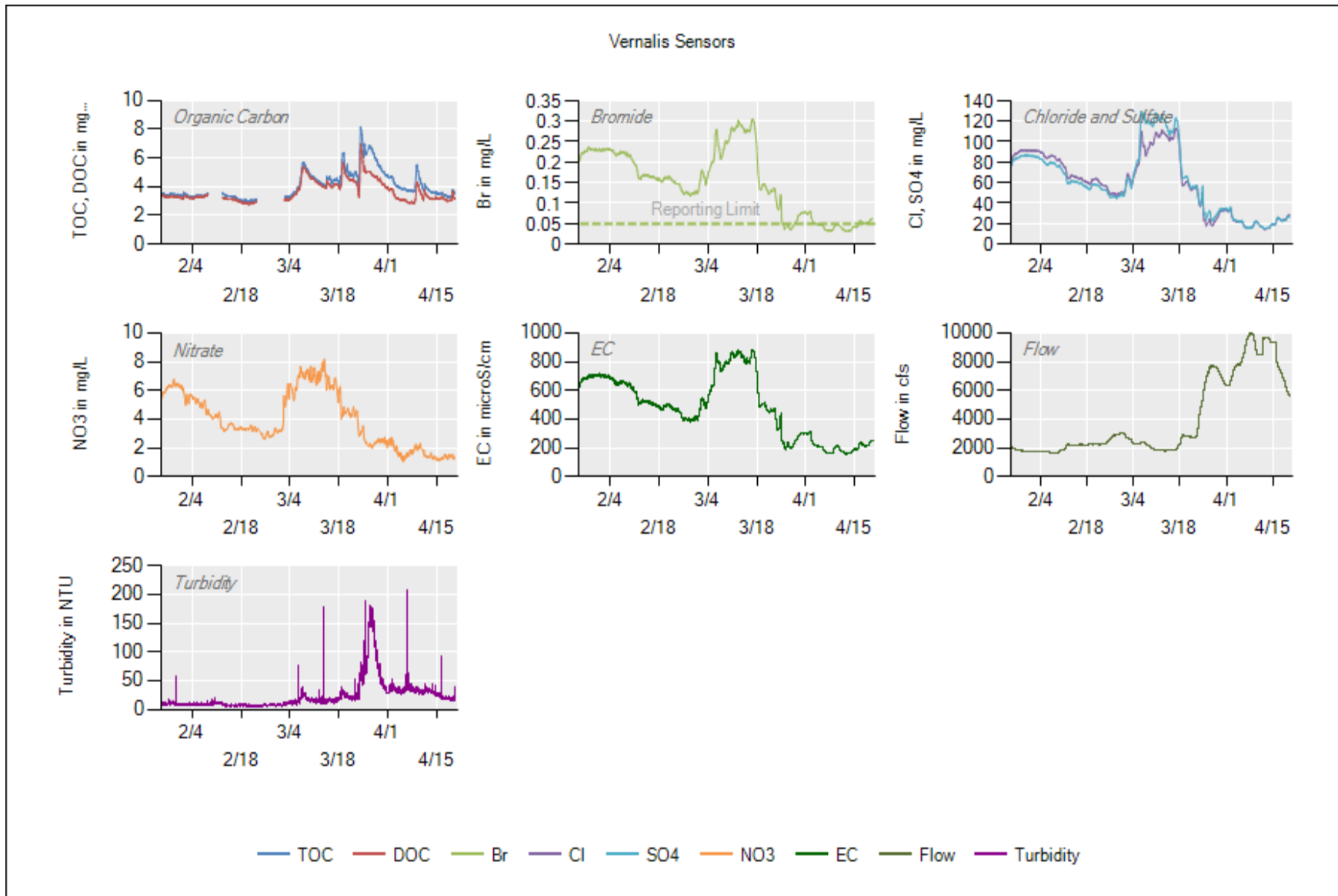
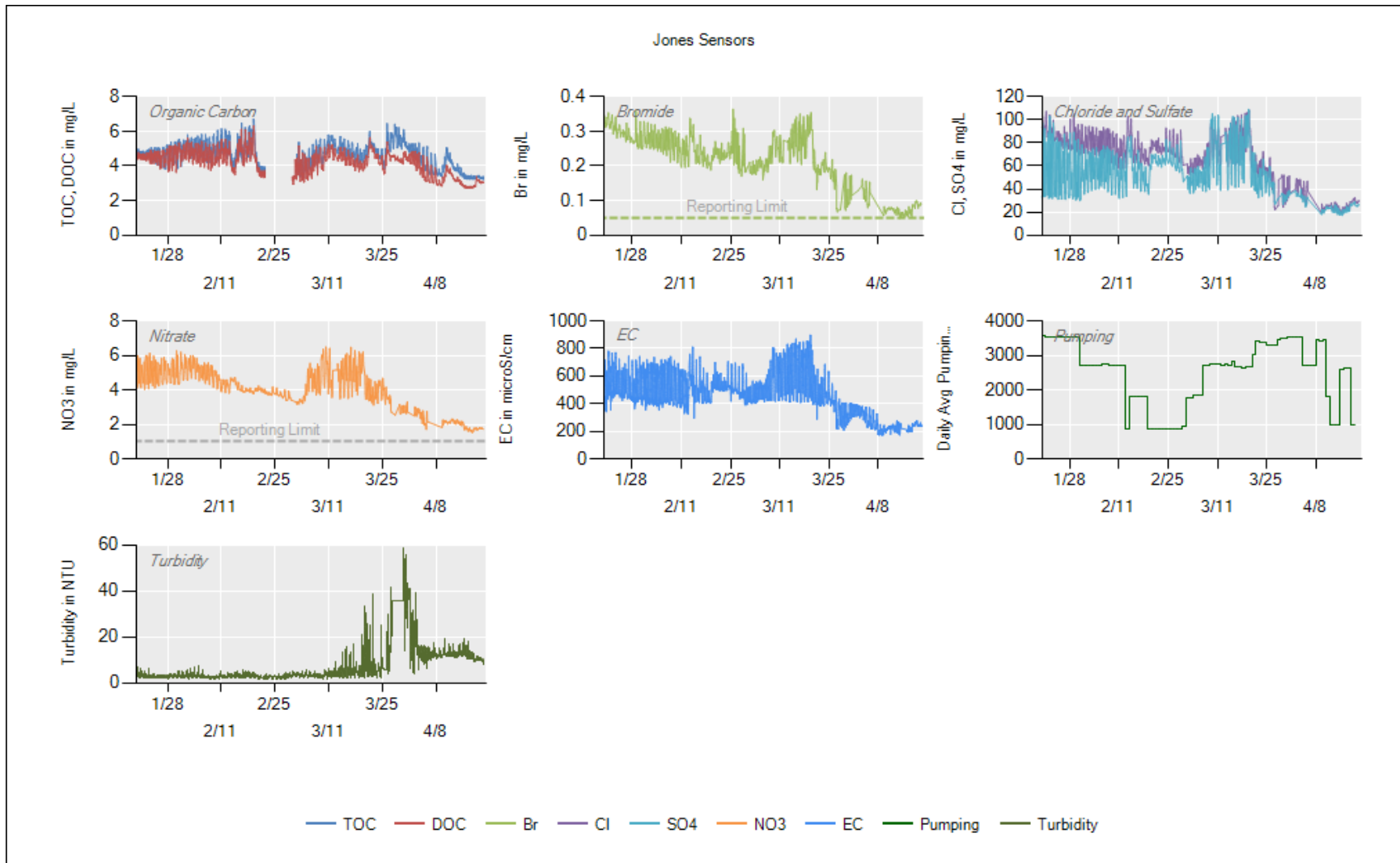


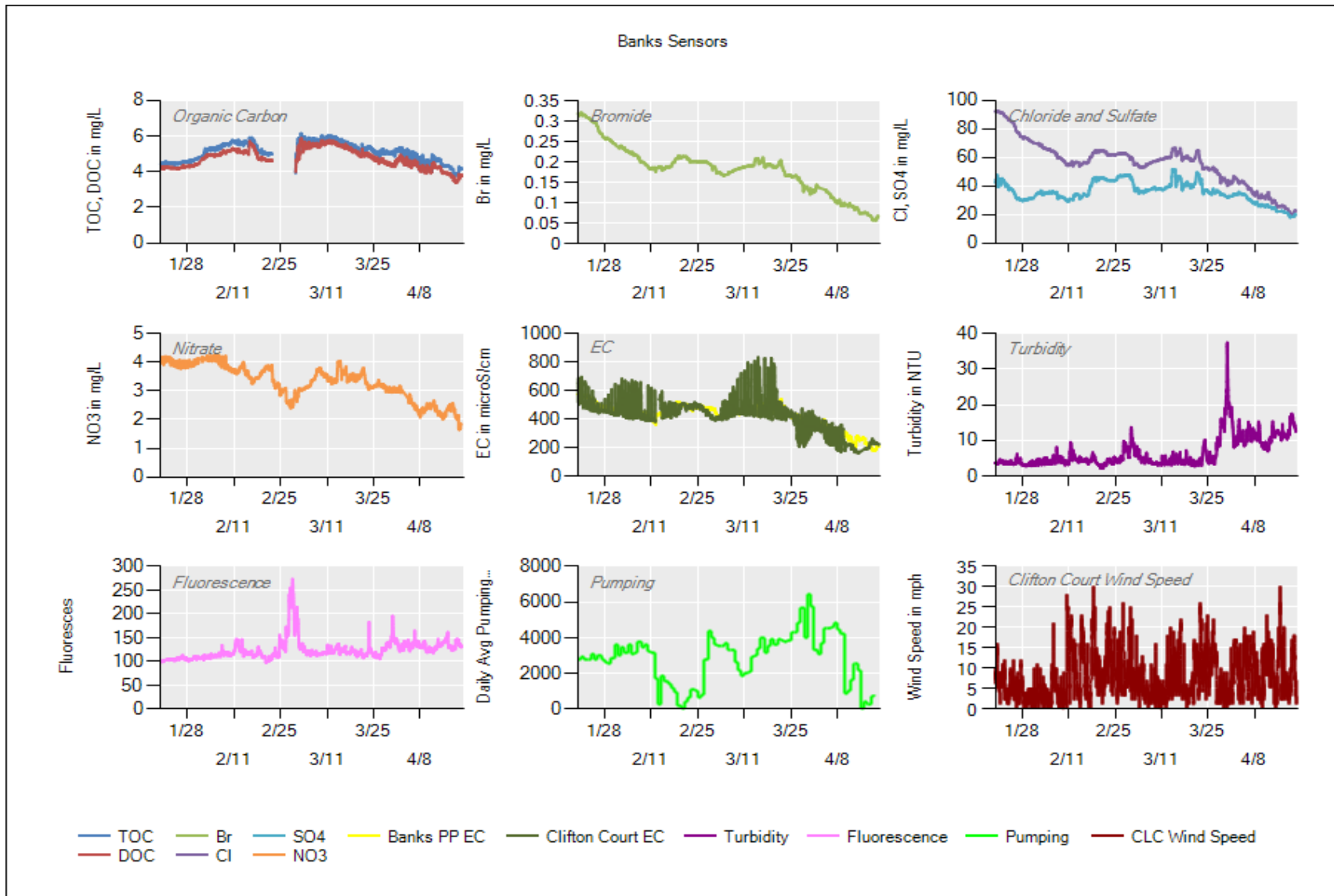
2/13: Filter replacement - 3/1: Re-install carbon analyzer after annual calibration and maintenance - 3/20: Filter replacement, 3/30: Pump float submerged, lifted to surface - 4/9: Pump submerged again, re-lifted to surface - 4/17: Filter replacement - 4/17: Cleaned filter housings, did not replace any filters



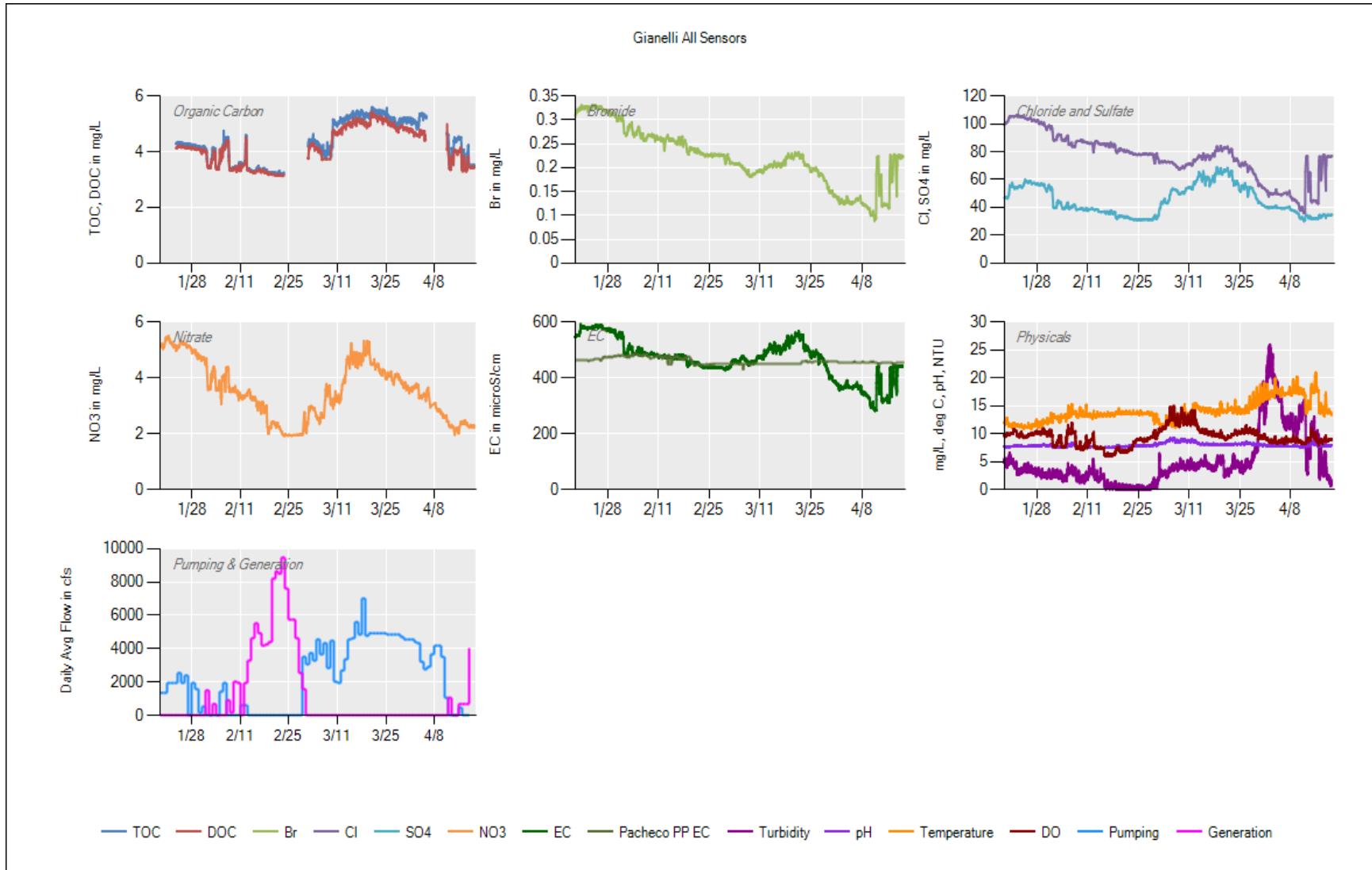
Last 30 days events: **Rainfall:** 3/20 – 22 = **0.71"**, 4/6-7 = **1.35"**, 4/16 = **0.3"**. **Releases** from upstream reservoirs (**TUL, GDW, & NML on CDEC**) increased, starting on 3/31, by 1200 – 1700 cfs over the next week. Tulloch Reservoir releases remain at 2000 cfs currently.



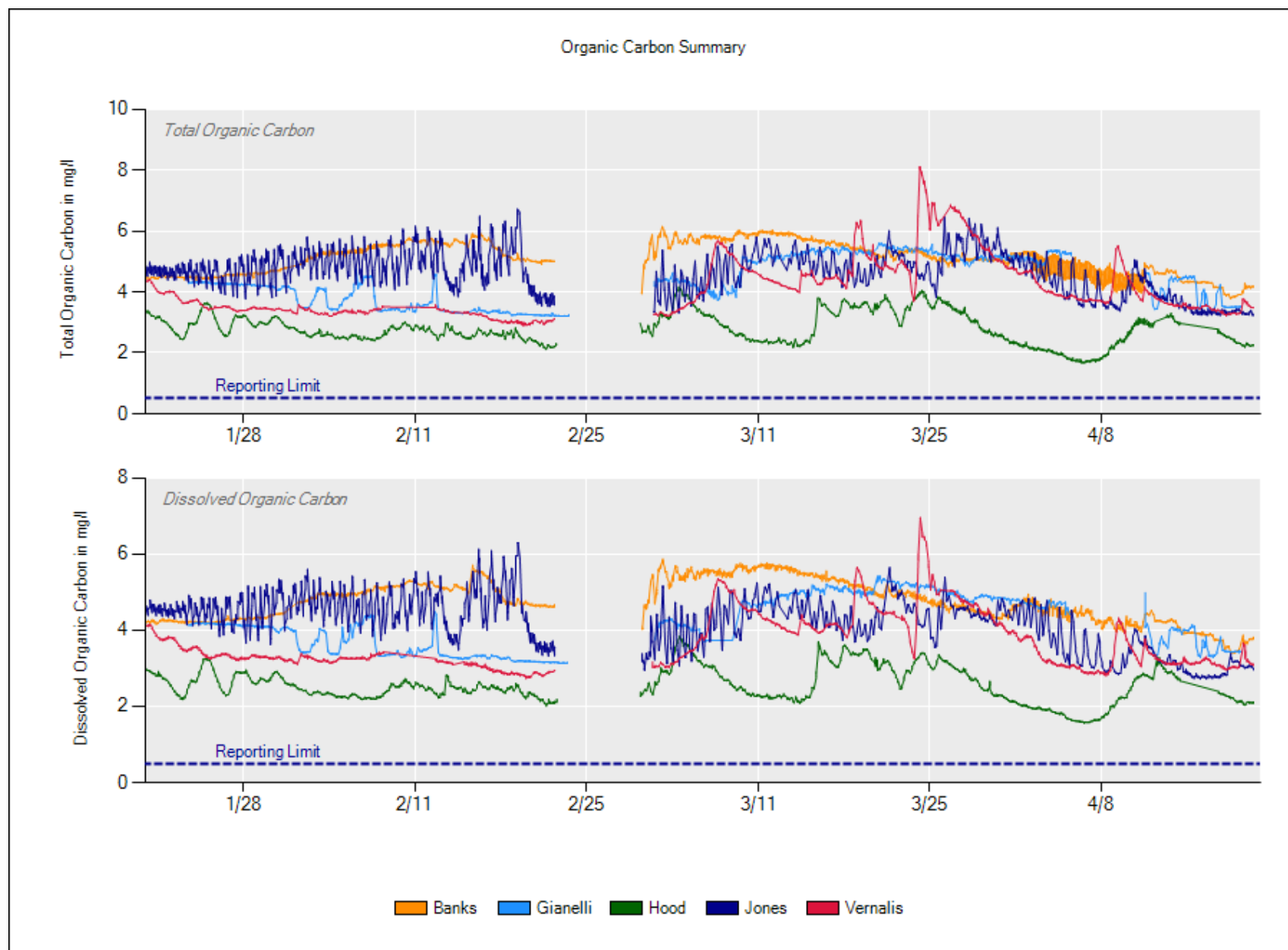
The Sievers has been operational and reporting for the last month. Due to higher sediment loads our DOC filter has been overloading, resulting in an under-reporting of 4%-6%. Currently filter changes occur on a bi-weekly basis, but weekly filter changes may be necessary until sediment loads decrease. There have been intermittent anion data outages due to glitches in the program software. The program was restarted which seems to have remedied the issue. All constituents have decreased due to higher outflow.

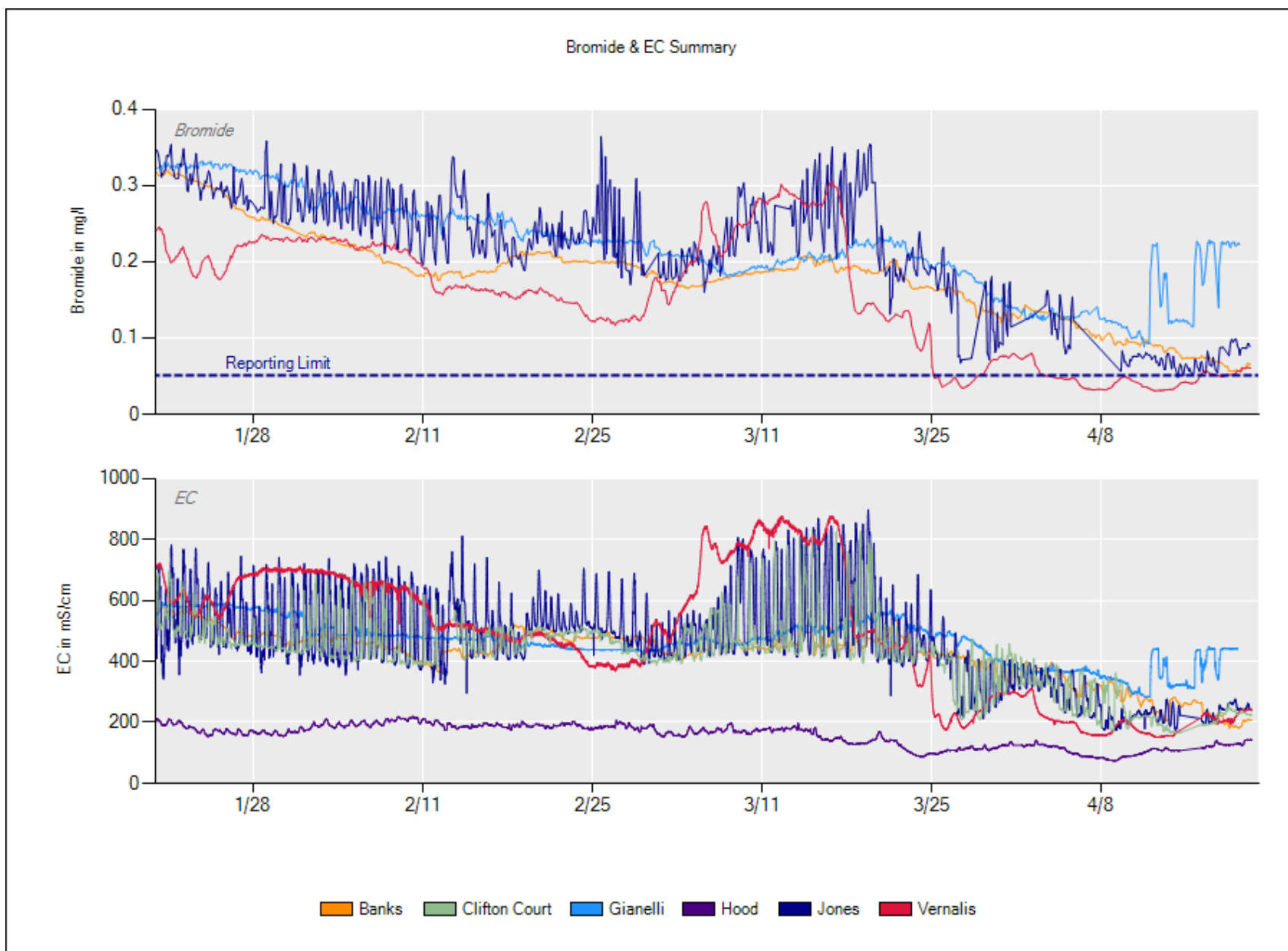


2/1: Replaced all filters – 2/15: Replaced all filters – 3/21: Replaced the 100, 1 and 0.45 um filters – 4/5: Cleaned sample inlet port on carbon analyzer – 4/11: Re cleaned carbon analyzer sample inlet port. Cleaned TOC valve.

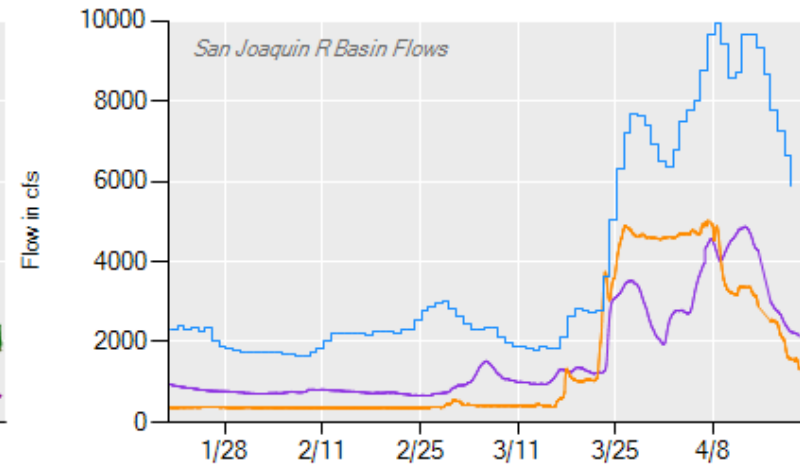
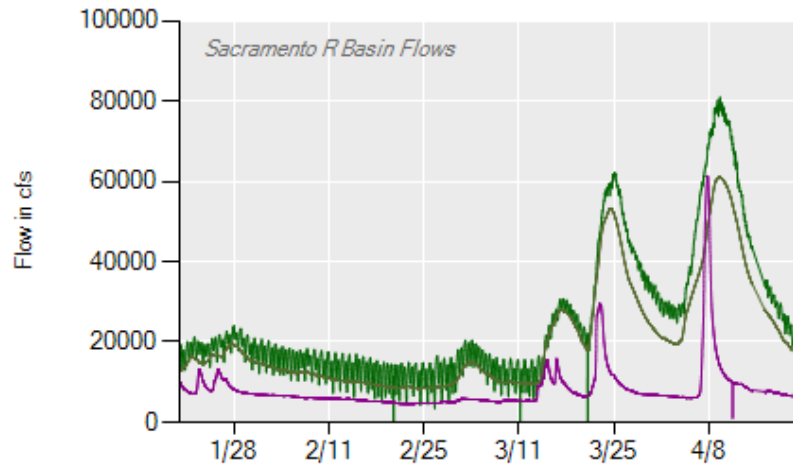
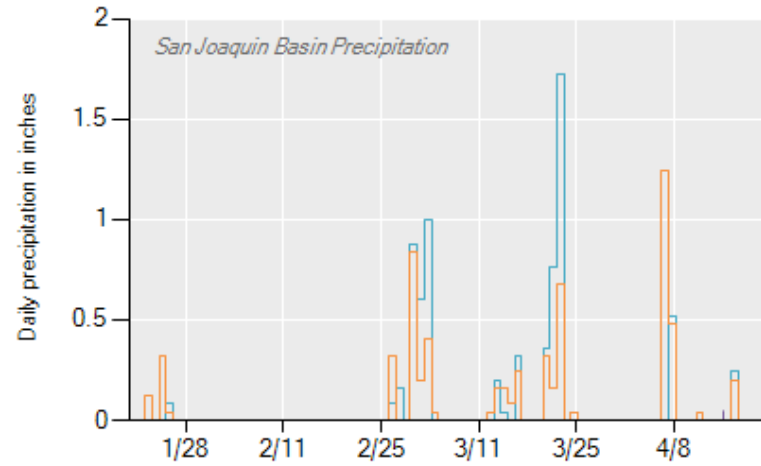
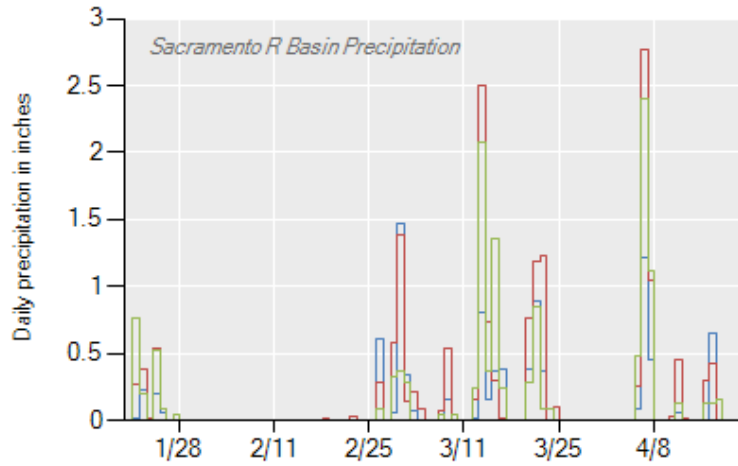


- 2/23 to 3/2 – The Sievers was offline for the annual maintenance and calibration.
- 4/5 to 4/11 – The float that regulates the Sievers sample collection was getting stuck causing it to record no-flow samples.





Precipitation & Flow



- | | | | | |
|------------------------|----------------------------|----------------------------|-------------------------|-------------------------|
| — CSU Sacramento | — Exchequer Dam, Merced R. | — Sac R at Freeport | — SJR at Crows Landing | — Stanislaus R at Ripon |
| — Oroville Dam | — Friant Dam | — Sac R at Verona | — Tuolumne R at Modesto | — SJR R at Vernalis |
| — Redding Fire Station | — Stockton Fire Station | — Sac R at Vina-Woodson Br | | |